CORRES. CONTROL ... OUTGOING LTR NO. OOE ORDER # 92RF 9359 DIST. AMARAL, M.E BENEDETTI, R.I BENJAMIN, A BERMAN, H.S BRANCH, D.B CARNIVAL, G.J. COPP, R.D. DAVIS, J.G. FERRERA, D.W HANNI, B.J. HARMAN, L. K. HEALY, T.J. HEDAHL, T. HILBIG, J.G. KIRBY, W.A KUESTER, A.W MANN, H.P. MARX, G.E McDONALD, M.M. McKENNA, F.G. MONTROSE, J.K. MORGAN, R.V. POTTER, G.L. PIZZUTO, V.M. RILEY, J.H. RISING. T.L SANDLIN, N.B. SETLOCK, G.H. STEWART, D.L SULLIVAN, M.T SWANSON, E.R. WILKINSON, A.B. WILLIAMS, S. (OR WILSON, J. M. WYANT, R.B. Dewitt errier <u>ahns on</u> erson ancs

EG_E**G** ROCKY FLATS

EG&G ROCKY FLATS, INC.

ROCKY FLATS PLANT, P.O. BOX 464, GOLDEN, COLORADO 80402

August 3, 1993



93-RF-9359

A. H. Pauole Manager DOE, RFO

MONTHLY UPDATE ON STATUS OF PONDCRETE OPERATIONS - TGH-459-93

Attn: R. Schassburger

Attached are status reports for Waste Solidification (WS) from June 27, 1993 through July 26, 1993. Upon your approval, please forward this report to the Colorado Department of Health. Copies are also to be provided to the Environmental Protection Agency and the Rocky Flats Environmental Monitoring Council.

If there are any questions concerning the report, please contact J. D. Roberts 966-3324, or D. R. Pierson, 966-3324.

T. G. Hedahl, Associate General Manager **Environmental and Waste Management**

DRP:civ

Orig. and 3 cc - A. H. Pauole

Attachments: As Stated (2)

00411 00911 11500 FOW 11400 00£11 3883 11200 RPM 00111 धाव 01011 ERM. 11000 GROUF NFO TOA

CLASSIFICATION:

CORRES CONTROL

ADMIN RECORD

PATS/T130G

TRAFFIC

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UNCLASSIFIED	Y	یر
CONFIDENTIAL		
SECRET		

IN REPLY TO REP CC NO:

ACTION ITEM STATUS PARTIAL/OPEN CLOSED ROVALS:

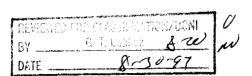
ORIG & TYPIST INITIALS

F-46469 (Rev. 7/93)

BEST AVAILABLE COPY

ADMIN RECORD

A-0U10-000421



FOR PONDCRETE OPERATIONS JUNE 27, 1993 THROUGH JULY 26, 1993

BUILDING 788

!

Approximately 188,334 gallons of liquid was transferred from the 207B North pond to Building 374, Liquid Waste Operations, during the reporting period.

STORAGE PAD 750

There were no reportable spills found during the ongoing inspections of the pad during the reporting period. Approximately 19,600 gallons of runoff liquid were pumped and transferred by truck to Building 374 Liquid Waste Operations.

STORAGE PAD 904

There were no reportable spills found during the ongoing inspections of the pad during the reporting period. Approximately 12,400 gallons of runoff liquid were pumped and transferred by truck to Building 374 Liquid Waste Operations.

904 AND 750 WS STORAGE AREAS RESULTS FROM ANALYSIS OF GRAB SAMPLES

Analytical results from analysis of grab samples collected at the 750 and 904 Pondcrete storage areas are summarized below. This report includes all data for which analytical results were available from June 27, 1993 through July 26, 1993. The plant guide for Nitrate discharges is 10 mg/l; for gross Alpha is 40 pCi/l; and for gross Beta is 50 pCi/l. Also included are the Cyanide, Cadmium, and Ammonia results upon availability.

TABLE 1 750 CULVERT

		GPOSS	GPOSS	TOTAL
SAMPLE	NITRATE	ALPHA	BETA	DISSOLVED
DATE	mg/l	pCi/l	pCi/l	SOLIDS (mg/l)

No data available

TABLE 2 750 PAD PUDDLE

		GFICSS	GPCSS				TOTAL
SAMPLE	NITRATE	ALPHA	BETA	CYANIDE	CADMIUM	AMMONIA	DISSOLVED
DATE	ma/l	pCi/l	pCi/l	ma/L	иа/	<u>mg/l</u>	SOLIDS (ma/l)
03/16/93	0.27	0.8±0.5	1±1	*	*	1.36	112
04/05/93	0.55	2±1	6±3	•	<3.0	1.01	27
07/24/93	1.98	3.8±0.5	14±1	•	13.6	2.22	71

TABLE 3 904 PAD PUDDLE

SAMPLE _DATE	NITRATE ma/l	GPOSS ALPHA pCi/I	GPOSS BETA pCi/I	CYANIDE ma/L	CADMIUM	AMMONIA mg/l	TOTAL DISSOLVED SOLIDS (mg/l)
02/12/93	0.64	6±3	8±4	*	<5.0	1.81	891
03/15/93	0.38	2±1	2±1	•	<3.0	2.76	99
03/30/93	0.33	0.8±0.3	2±1	•	3.5	0.99	<10
04/05/93	0.46	2±1	8±3	•	<3.0	1.09	24
07/24/93	3.29	6 ± 1	1 7 ± 1	•	14.7	3.83	79

Data not available

These data were gathered as part of the routine environmental monitoring conducted by Environmental Management to screen runoff waters from the pads. Care must be used in any interpretation of these data, which are derived from grab samples taken in a dynamic system.